



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: <b>PCT/US99/14711</b></p> <p>(22) International Filing Date: 29 June 1999 (29.06.99)</p> <p>(30) Priority Data:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">60/091,177</td> <td style="width: 25%;">30 June 1998 (30.06.98)</td> <td style="width: 25%;">US</td> <td style="width: 25%;"></td> </tr> <tr> <td>60/155,241</td> <td>16 July 1998 (16.07.98)</td> <td>US</td> <td></td> </tr> </table> <p>(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">US</td> <td style="width: 25%;">60/091,177 (CIP)</td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>Filed on</td> <td>30 June 1998 (30.06.98)</td> <td></td> <td></td> </tr> <tr> <td>US</td> <td>60/155,241 (CIP)</td> <td></td> <td></td> </tr> <tr> <td>Filed on</td> <td>16 July 1998 (16.07.98)</td> <td></td> <td></td> </tr> </table> <p>(71) Applicant (for all designated States except US): <b>INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).</b></p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): <b>BANDMAN, Olga [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). HILLMAN, Jennifer, L. [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). TANG, Y., Tom [CN/US]; 4230 Ranwick Court, San Jose, CA 95118</b></p>		60/091,177	30 June 1998 (30.06.98)	US		60/155,241	16 July 1998 (16.07.98)	US		US	60/091,177 (CIP)			Filed on	30 June 1998 (30.06.98)			US	60/155,241 (CIP)			Filed on	16 July 1998 (16.07.98)			<p>(US). <u>LAL</u>, Preeti [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). <u>CORLEY</u>, Neil, C. [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US). <u>GUEGLER</u>, Karl, J. [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). <u>GORGONE</u>, Gina, A. [US/US]; 1253 Pinecrest Drive, Boulder Creek, CA 95006 (US). <u>BAUGHN</u>, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US).</p> <p>(74) Agents: <b>BILLINGS, Lucy, J. et al.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).</b></p> <p>(81) Designated States: <b>AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</b></p> <p><b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i></p>	
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<p>(54) Title: <b>HUMAN OXIDOREDUCTASE PROTEINS</b></p> <p>(57) Abstract</p> <p>The invention provides human oxidoreductase proteins (HORP) and polynucleotides which identify and encode HORP. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating or preventing disorders associated with expression of HORP.</p>																											